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	I COMIRE		wing is an index of the Minutes of the 19 February 1970 eeting:	
	Section	I (Br	iefings)	
	Page	6		25X ²
	Page	6	ARGO Support Chilean Watershed Coverage	
	Page	7	EXRAND Report on Exploitation Equipment Development for On-Coming Acquisitions Systems	
5X1A	Page	8		
	Section	II (A	pproval of Minutes)	
•	Page	9	COMIREX-M-88	
	Section	III (C	Operations)	
	Page	9	Satellite Schedule	
	Page	9	Report on Aircraft and Drone Activities	
	Section	. IV (4	Action Items)	
	Page	10	Request for Review of Quarterly Report	
	Page	10	Working MapKH-4 Coverage of South China in 1969	
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L				19 February 1970	25X1
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	Section .	V (Actio	on Items) cont.		
	Page]	.1 R	evised KH-4 Search Requirement	ts	
	Page]		verhead Photographic Reconnais: COMIREX-D-24.3/1)	sance of Cuba	
5X1C	Page 1	.2			
	Section	V (Other	Business)		_
	Page 1	.3 C	OMIREX Concern Over Satellite	Launch Schedule	
·	Page	. 4			25X
	Page]	.7			
25X1D	Page 1	.8			
	Page		IA Annual ReportUse of Sanitiz Military Purposes (COMIREX-D-2		
	Page 1	.8 Se	ecurity Restraints on Attendance	at COMIREX Meetings	
	Section	VI (Subco	ommittee and Working Group Rep	ports)	
	Page 2	.0 In	magery Exploitation Subcommitte	e	
	Page 2	0 D	ata Base Working Group		
	Page 2	ı M	Sapping, Charting, and Geodesy	Working Group	
25X1A			2		
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					25X

	COMIREX-M-89 19 February 1970
Tabs	
A	Update of Information on Drought Conditions in Chile, 1969 Season
В	
С	
· D	Satellite Operations Schedule as of 19 February 1970
E	Report on Aircraft and Drone Activities
F	Charts used by DIA Member to Demonstrate Concern Over Satellite Launch Schedule

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	COMMITTEE ON IMAGERY REQUIREMENTS AND EXPLOITATION	
25X1A	COMIREX-M-89 Auditorium, 19 February 1970 1000-1315	
	MEMBERS AND STAFF PRESENT	
25X1A	CHAIRMAN:	
25X1A	CIA: Navy: Capt. L. W. Moffit	
25X1A	DIA: Army: Mr. L. A. Moyer, Jr. Air Force: Col. C. E. Davison NSA: NSA:	25X1A
25X1A	Office of the Chairman: Executive Secretary CONSULTANTS PRESENT	
25X1A	NPIC: Security: NRO:	25744
	SUBCOMMITTEE AND WORKING GROUP REPRESENTATION	25X1A
25X1A	ICRS: EXSUBCOM: EXRAND: DBWG: MCGWG: SDWG:	25X1A

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25X1 25X1A	Approved For Release 2003/05/09: SECRET 79B01709A000909030003-8 COMIREX-M-89 19 February 1970	25X1 25X1A
	Section I (Briefings)	
25X1D		
	ARGO SupportChilean Watershed Coverage	25X1
	2. The Chairman preceded the NPIC report on coverage of the Chilean watershed by citing it as an example of how needs by non-intelligence agencies for satellite imagery information are met whenever possible on the basis of non-interference with the primary intelligence mission. Requests for such support are forwarded to the Chairman, COMIREX, through the ARGO Steering Committee, chaired by John Martin of the Office of the Scientific Advisor to the President. The request is referred to ICRS and considered by it when priorities are established for specific missions. explained that we had received a request last fall for satellite coverage of the Chilean watershed area to assist AID in estimating drought conditions in Chile, and he had asked NPIC to report to the Committee at this time on the extent and usefulness of the coverage obtained.	25X1A
25X1D		
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L	COMIREX-M-89 19 February 1970 2	25X ² 25X1/
25X1D		
	4. The Chairman, SDWG, noted that reports to the requesting agencies based on satellite coverage are always classified and handled within the TALENT-KEYHOLE control system and that provisions are not made for sanitization.	
	EXRAND Report on Exploitation Equipment Development for On-Coming Acquisitions Systems	25X1
25X1A	5. explained that the briefing to be	
25X1A	presented by in his capacity as Chairman of EXRAND's Technical Task Team concerns the development of exploitation equip-	
25X1D	ment specifically for He pointed out, to emphasize the importance of exploitation components knowing as early as possible what new collection systems are being planned, that some of the planning for equipment described today started as much as three years ago.	
25X1A	6. A summary of presentation is attached at Tab B.	
25X1A	7. The Chairman thanked for an excellent briefing and commended EXRAND for the two informative briefings provided on this subject. He felt that both COMIREX and EXRAND could take satisfaction from these examples of community-wide coordination in the exploitation equipment research and development field.	
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	7	25X1
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	25/1/	`
	Section II (Approval of Minutes)	
	COMIREX-M-88	
	1. COMIREX-M-88, covering the meeting of 5 February 1970, were approved. It was requested, however, that the following modifications be made:	
	a. Page 6, paragraph 3, fourth line: Change "decrease" to "increase".	
	b. Page 7, paragraph 1: Delete last two sentences and substitute the following: "He stated that the briefings will be equipment-oriented and would also deal with consideration of such aspects as human factors, photographic interpretation methodologies, and image enhancement processes."	
	Section III (Operations)	
	Satellite Schedule 25X1A 25X1A 25X1A 25X1A	1
25X1A	1. The satellite schedule as of 19 February is attached at Tab D. confirmed that 4 March is the new date for launch of Mission 1109. This is a week earlier than initially predicted after cancellation of the original 19 February launch date.	
	Report on Aircraft and Drone Activities	
	2. The reports presented by the DIA Member, the CIA Member, and the Chairman, ICRS, on aircraft and drone activities, coverage of special targets in the Far East, and satisfaction of the Cuba 56-day requirement are recorded in Tab E.	

25X1 25X1A	Approved For Release 2003/05/28: Clared P79B01709A000900030003-8 COMIREX-M-89 19 February 1970 25X1
	Section IV (Action Items)
	Request for Review of Quarterly Report
25X1A	1. Noting there has been a variety of problems with both the substantive content and the format of the COMIREX Quarterly Report to the United States Intelligence Board, the Chairman reported he had asked the COMIREX Staff to review the report and recommend changes. He stressed that, while some fairly substantial revisions may be proposed for the next Quarterly Report due in April, the importance of continuity of statistics will be kept in mind. solicited the Committee's comments and views on the report and asked members to notify of any specific areas of the report as now written which they feel should be sharpened or modified to make it more useful and meaningful. He expressed his feeling that it is very important to have the results of reconnaissance imagery collection against the USIB requirements compiled in a consolidated report to provide a common set of working data for members of the community.
	Working MapKH-4 Coverage of South China in 1969
25X1A	2. Working copies of a new South China area coverage map were distributed to members. pointed out that it portrayed in graphic form the NRO area history file's record on KH-4 satellite photo coverage in that area during 1969. The coverage record was delineated by a magnetic-tape-driven plotting machine that can translate into graphic form the large volumes of computer-processed and magnetic-tape-stored data in the area history file and in the target coverage files maintained by ICRS and NPIC. The technique is designed to minimize the manual labor needed to prepare each map and permits maps with up-dated coverage data to be turned out routinely within a few days of the time a need is recognized. He noted that he had wanted to include a listing of the number of WAG cells in the developed area of South China and then to relate the area coverage to them, but this information was not available in the computer run at the time the maps were made up.
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25X1 2 5 <u>X</u> 1A	Approved For Release 2003/0508 : SECRET 79B01709A000900030003-8 COMIREX - M - 89 19 February 1970 2	25X1A
25X1A	of graphic display he hoped would become standard for COMIREX reporting on the status of imagery collection accomplishment for each of the regional requirement areas, e.g., USSR, China, North Korea, Middle East, etc. Members were asked to review the map and forward comments to his office. He indicated such maps are not intended to substitute for comprehensive records, but are for use primarily as presentation graphics in support of detailed coverage accounting and reporting. (See also COMIREX-M-88, Section IV, paragraph 13 and COMIREX-D-13.3/1.)	
	A. The Chairman explained that the draft of the revised KH-4 search requirement is not quite ready for circulation. It will be distributed shortly and placed on the agenda for an early meeting.	25X1
	Overhead Photographic Reconnaissance of Cuba (COMIREX-D-24.3/1)	25X1
25X1A	reconnaissance collection against Cuba and recommending a revised statement of intelligence requirements for USIB consideration was distributed to members. reported that the Defense Department's consideration of contingency planning requirements which has been holding up COMIREX action on this paper appears near completion and the DIA Representative expects to have final word in the near future. In view of this, COMIREX should proceed as rapidly as possible with a	
25X1A	restatement of the Cuba requirement for the Board's consideration. He asked to notify him when the JCS review is complete and asked all members and consultants to review the draft and advise his office by telephone of their views concerning it. The draft reflects	
	2	5X1A
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	coordination which had occurred earlier in ICRS, the thrust of which is to express a somewhat reduced rate of collection over that which has been in effect and to reflect the increased collection capability of the new Iris II camera system now being used. The Chairman expressed a desire to consider this revised requirement and complete action on it if possible at the special COMIREX meeting next week.	
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	19 February 1970	25X1A
	Section V (Other Business)	
	COMIREX Concern Over Satellite Launch Schedule	5X1A 25X1
	1. The Chairman registered concern over the recent setbacks in both the CORONA launch schedules (see	25X1A
	Tab D). He requested the NRO Consultant to keep the Committee closely informed on any further schedule adjustments that may be	
25X1A	made. noted that these slippages have come at a	
	particularly bad time as far as intelligence needs are concerned.	
	2. In view of the current mission delays and non-availability	
	of Ultra-thin Base film for KH-4 missions, the DIA Member	
	recommended that ICRS and COMIREX carefully review the priorities	
	initially approved for Mission 1109 (see COMIREX-D-14.12/15) to assess and identify our most serious collection deficiencies and to	
	tailor and sharpen the mission requirements accordingly. Current	
	intelligence targeting should be kept as lean as possible so the mission	
25X1A	can be driven to the maximum against search areas that have gone uncovered for an extended period. also noted the several	
	priority interest subjects, such as ICBM group starts and the critical	
	Middle East area on which coverage will almost certainly be requested.	
	The Chairman remarked that another area of concern to be added to the growing list of problems pressing for priority coverage was the	
	MR/IRBM belt in Western USSR, where SS-11 ICBM sites were	
	appearing. Only about 40 percent of one sector and 60 percent of	
	another had been seen over the past year. Mission 1108 had no coverage there and the problem continues to be one for urgent COMIREX attention.	
25X1A	displayed charts listing SS-9, SS-11, and SS-13 ICBM	
	group starts and showing date of last mission on which sites were newly	
	identified and date of last effective total coverage for detection of possible additional deployments, along with a table depicting total	
25X1A	days on orbit for all reconnaissance satellites since 1960. Copies	
20/(1/(are attached at Tab F. indicated that a chart showing	
25X1A		
23X IA	13	
		25X1
25X1A		28 % XA
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19 February 1970	25X1A
satisfaction of the search requirement against built-up and undeveloped areas of the USSR would have completed the picture. He agreed with the Chairman that COMIREX should go on record as expressing strong concern over the current situation with regard to satellite launches.	
3. The Chairman noted that under the pending revision of KH-4 area search requirements certain areas currently defined as "built-up" and requiring six-month coverage are slated to be shifted to the "undeveloped" category needing only 12-month coverage. He recommended that, to the extent feasible, some of the larger areas due for this change be immediately transferred into the lower priority category so that targeting for 1109 can be focused against only the most relevant search areas. reported the NRO already has this under way, even though it involved some manual sorting. The new requirements also had been taken into consideration in orbit selection for Mission 1109 and will be used, where possible, during mission operation. ICRS will review the 1109 priorities in light of the launch delay and adjust them accordingly. The revised priorities were subsequently issued as COMIREX-D-14.12/dated 2 March 1970.	25X1 ^{15A} , 25X1

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25X1 25X1 A	Approved For Release 2003/05/28 : CIA-RDP79B01709A000909030003-8
	DIA Annual ReportUse of Sanitized KH-4 Photography for Military Purposes (COMIREX-D-2.6/3) 14. The Chairman, SDWG, explained that when the Board approved the use of sanitized KH-4 photography for specific support of the Single Integrated Operations Plan (SIOP) (USIB-D-46.2/1, COMIREX-D-2.7/2, 4 August 1967, Limited Distribution), it was stipulated that a procedure would be established by which COMIREX would be kept advised of the status and extent of actual use of KH-4 photography. An initial report was made in September 1968 when a request was submitted to USIB for authority to use sanitized KH-4 material in support of military contingency planning and it was agreed at that time that an annual report to COMIREX would satisfy the USIB instruction. COMIREX-D-2.6/3, distributed 17 February 1970, represents the second annual report.
25X1A	Security Restraints on Attendance at COMIREX Meetings 15. reminded COMIREX members and consultants of their responsibility to insure that observers from
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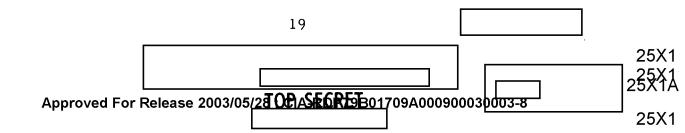
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		COMIREX-M-89
		19 February 1970

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their respective agencies at COMIREX meetings have the clearances necessary for briefings and/or discussions on items listed on the agenda for the meeting. They must arrange for their observers to leave the meeting room when an item for which they are not appropriately cleared is brought up for discussion. The COMIREX Security Consultant will monitor this closely at all meetings.

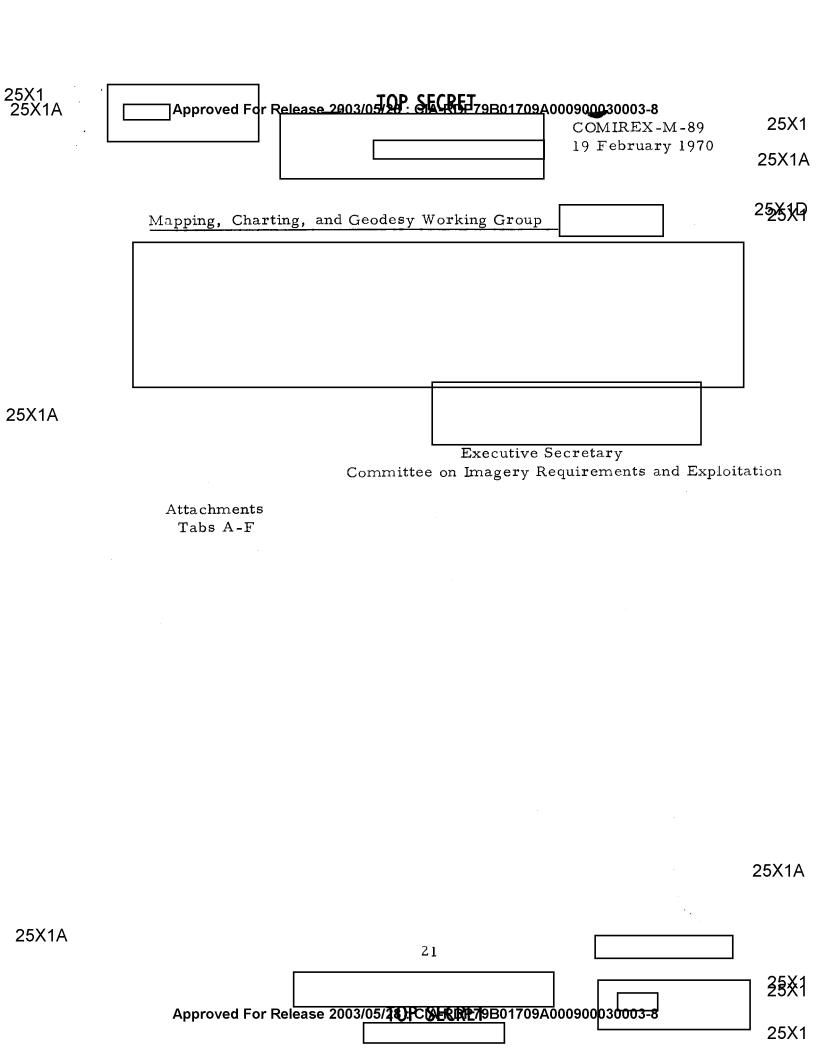
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	Section VI (Subcommittee and Working Group Reports)	
25X1A	Imagery Exploitation Subcommittee 1.	25X1
	Data Base Working Group 2. The Chairman, DBWG, reported he is preparing a report on what the exploitation community produced during 1969. The report will be based on data in the Exploitation Products File and will serve to demonstrate the content and capabilities of that file. It will provide information on the nature of reports and studies produced during the year, categorized by subject, producer, geographic area, security classification, etc. He expected the report would be ready for distribution by the end of March.	25X1
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25X1A		25X1

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25X1				COMIREX-M-89
23/11	,			19 February 1970 Tab E

Report on Aircraft and Drone Activities

FAR EAST

BUMPY ACTION (6-19 February 1970)

<u>DATE</u>	MISSION NO.	AREAS/TARGETS	RESULTS
6 Feb	Q604/484 (1ow)	Kien An Afld, Cat Bi Afld, Hon Gai NVB, Hon Gai Port, Cam Pha Port	MARS
7 Feb	Q601/486 (1ow)	Kep RRYd, Kep Afld, Yen Vien RRYd, Gia Lam Afld, Hanoi Port Fac	LOST
7 Feb	Q610/487 (low)	Quang Lang Afld, Vinh Son Complx, Vinh Afld	MARS
8 Feb	Q501/488 (low)	Hwy lA & RR, Vinh Afld, Dong Hoa	MARS
8 Feb	Q540B/489 (low)	Haiphong Rds Area, Haiphong Port, Haiphong Nav Base	MARS
9 Feb	Q516A/490 (low)	Hwy 10, Nam Dinh TSP, Hwy 1A & RR, Thanh Hoa TSP	MARS
10 Feb	Q548A/491 (low)	SAM 263, Bac Mai Afld, Hanoi Port Fac, Yen Vien RRYd	MARS
10 Feb	Q553B/492 (low)	Haiphong Nav Base, Haiphong RRYd W, Kien An Afld	MARS
13 Feb	Q540B/495 (low)	Haiphong Rds Area, Haiphong Port, Haiphong Nav Base	MARS
13 F eb	Q594/496 (1ow)	Bai Thuong Afld, Thanh Hoa Army Bks So	MARS

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COMIREX-M-89 19 February 1970 Tab E

Date	Mission No.	Areas/Targets	Results
14 Feb	Q605/498 (1ow)	Yen Lac Cave Stor, My Hau Mil Instln	MARS
16 Feb	Q575A/501 (low)	Hoa Lac Afld, Phuc Yen Afld, Kep Afld	LOST
18 Feb	Q501/502 (low)	Hwy 1A & RR, Vinh Afld, Dong Hoa	MARS
19 F eb	Q511A/504 (1cw)	Kien An Afld, Cat Bi Afld	MARS
19 Feb	Q6Q6A/505 (low)	SAM Sites, Vinh Afld	WATER RECOVERY
	Successfu1	13	
	Lost	2	

GIANT SCALE (6-19 February 1970)

DATE	MISSION NO.	AREAS/TARGETS	RESULTS
8 Feb	GS 225	Port Wallut, Tien Yen Cam Pha, Dong Dang, Lang Son, Lao Cai, Lai Chau, RR 1, 2	FAIR
16 Feb	GS 226	Sariwon SAM Sites, Pyongyang, Hwang Ju, Wonsan, Hungnam Ongjin, Kaesong, Nampo	FAIR

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•					Tab E	/ 1 0

FOOD FAIR (6-19 February 1970)

There was no FOOD FAIR activity during the period 6-19 February 1970.

IDEALIST-TACKLE (6-19 February 1970)

Date	Mission No.	Flight Path/Area Covered
14 Feb 70	C 020 C	Off-shore islands from just north of Shanghai south to a port opposite Cheng Chou.

Coverage of Special Targets in South China and North Vietnam (5-18 February 1970)

Coverage of special targets in South China and North Vietnam was reported as follows:

a. Surveillance coverage was reported on eight Lines of Communication (LOC) targets in North Vietnam pertinent to the introduction of Chinese forces into North Vietnam (see COMOR-D-25/207, 4 March 1966). The number of such LOC priority targets in South China and North Vietnam was reduced to 320 with the deletion of eleven targets in North Vietnam. The specific targets covered are listed on the following page:

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^{25X} 25X1A				COMIREX-M-89 19 February 1970 Tab E	25X′
	COMIREX Number	Country	<u>Name</u>	Most Recent Previous Coverage	25X1[
25X1D		VN	BAI THUONG AIRFIELD		
		VN	HAI PHONG NAVAL BASE		
		ΛN	HAI PHONG PORT FACILITY		
		VN	CAM PHA PORT FACILITIES		
		VN	BEN THUY COASTAL TRANSSHIPMENT	PT	
		ΛN	HAI YEN COASTAL TRANSSHIPMENT	PT	
		VN	VINH CAVE STOR BEN THUY UG		
		VN	TIEN YEN COMPLEX		

b. Coverage of North Vietnam to detect the possible introduction or deployment of offensive missile systems (see COMOR-D-25/200, 23 May 1967, and COMIREX-D-25.3/2, 20 November 1967) is shown on the attached grid maps (pages E-6 and E-7) for the following time periods:

Period Covered	Missions on Which Reports not Available
29 Jan - 4 Feb	2 BUMPY ACTION
5 Feb - 11 Feb	2 BUMPY ACTION

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OLD HEAD (6-19 February 1970)

<u>DA TE</u>	MISSION NO.		RESULTS			
10 Feb	G114	Successful	; 33.0% coverage			
		RECAP				
DATE	MISSION NO.	NET	CUMULATIVE			
10 Feb	G114	33.0	95.7			

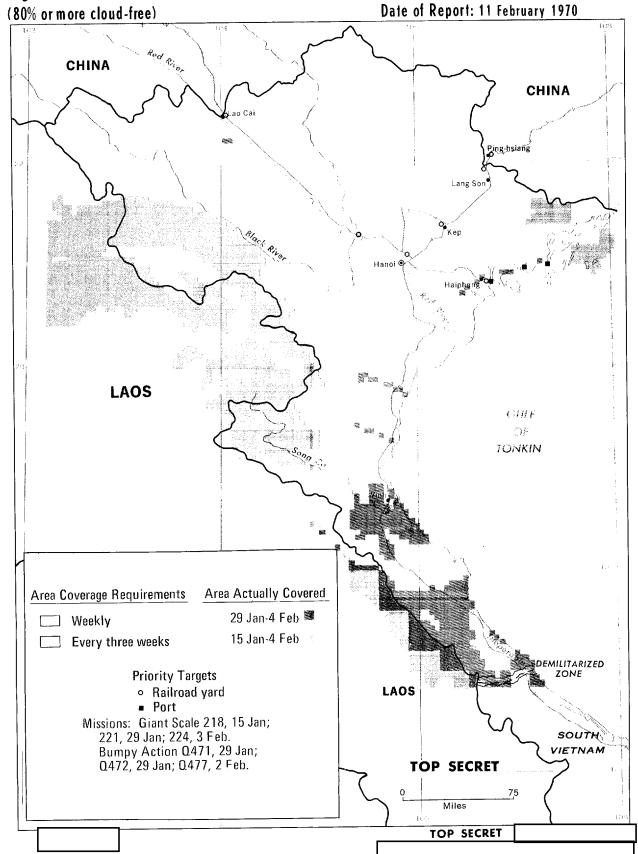
Status of 56-day Coverage

The status of coverage on a sliding scale for the 56-day period shown is as follows:

TEN TOP		TARGET COVERAGE	NUMBER Flown		SSIONS loited
PERIOD	AREA COVERAGE			Area	Tgts
18 Dec 69 - 11 Feb 70	95•7	163 of 176	5	5	4
25 Dec 69 - 18 Feb 70	93•5	152 of 176	5	5	I_i

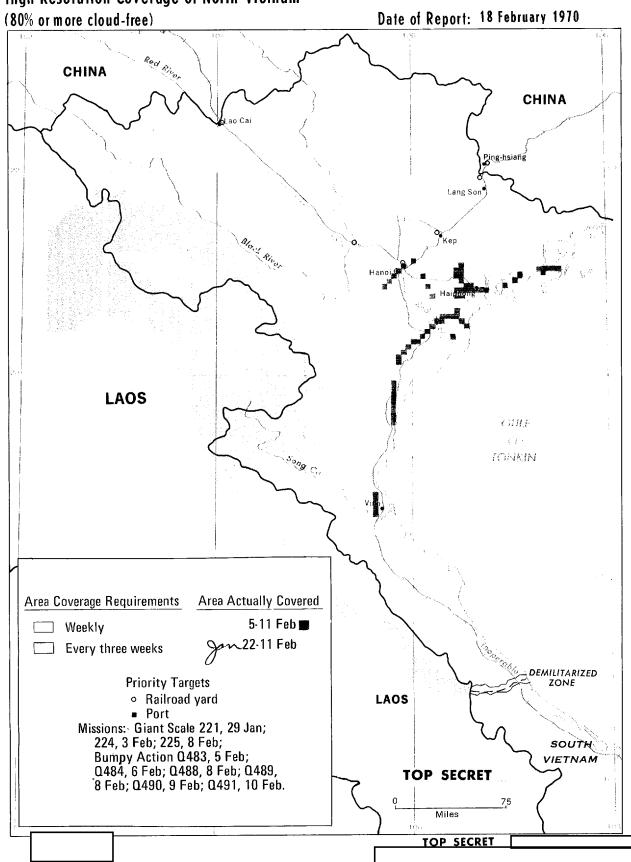
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High Resolution Coverage of North Vietnam



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High Resolution Coverage of North Vietnam



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